Erik Peterson

Contacts

erik@subwindow.com
404-576-5211

800 Indiana Street #454
San Francisco, CA 95126

twitter.com/subwindow
github.com/subwindow
subwindow.com

Work Experience

Core Security

Director of Platform Development *Jul 2016 - Present*

Led the creation of a new suite of cloud products for a company that had previously only deployed on-premise products. Technology stack is primarily Java (Spring), with some Ruby services, using Hadoop, Mongo and Docker.

- Responsible for hiring, development philosophy and process, ideology, culture and technical direction
- Worked closely with advisors, customers and product management to create and test a product vision
- Developed and iterated on prototypes and a "minimum viable product" to hone in on delivering a valuable and useful product
- Reponsible for team that developed and designed a cloud platform from soup to nuts - from deep packet inspection to Hadoop to CSS and everything in between
- Architected communication architecture to integrate legacy on-premise products with the new platform
- Supervised the development of additional security-related identity products

Damballa

Engineering Manager *Aug 2015 - Jul 2016*
Principal Engineer *Jan 2014 - Aug 2015*
Senior Software Engineer *Apr 2010 - Jan 2014*

Developed and led the development of both front-end application (Rails) and back-end applications (pure Ruby and C) for set of network security appliance products.

- Manager for UI development team
  - Responsible for hiring, mentoring and review
- Technical lead for product engineering team
  - Responsible for hiring and interview process
  - Mentored and guided growth of junior engineers
  - Set major architectural goals and guided their execution
  - Led implementation of product features and new product lines
- Tactical organizer
  - Led daily stand-ups
  - Managed release process
  - Main intermediary between Engineering and Product Management
  - Primary escalation engineer for Support
- Individual contributor
  - Overhauled 6-year-old Rails application to conform to modern standards
  - Created a Service Oriented Architecture for backend systems
  - Improved backend event processing performance by two orders of magnitude
  - Managed database systems in challenging deployment situations
  - Created leveldb-backed storage engine for raw network data
  - Created system for end-to-end testing of the entire appliance

CardioMEMS

Senior Software Engineer *Aug 2006 - Dec 2009*

- Developed Ruby on Rails application for physicians to manage patients with chronic heart failure.
- As first engineer, recruited and cultivated a tight-knit team.
- Led large project that used Merb and CouchDB to streamline internal data flow and processes.

Impulse Marketing Group

Programmer / Database Administrator *May 2004 - Aug 2006*

- Developed internal reporting tools using PHP, Java Struts and Ruby on Rails.
- Created credit card billing system and customer service interface using PHP.
- Managed PostgreSQL transactional database and Oracle data warehouse.

Open Source

Contributed to Rubinius, Rails, rbvmomi, impacket, stache and other projects. Created negative-captcha project, a Ruby gem for bot-resistant forms.

Education

Georgia State University 2006 B.B.A. in Computer Information Systems